



COPY OF PATENT
ORIGINALLY FILED

ATTORNEY'S DOCKET NUMBER: 2004229-0031

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Hansen, *et al.* Examiner: NYA
Serial Number: 10/076,363 Art Unit: 1645
Filed Date: February 15, 2002
Title: SYSTEM FOR AXIAL PATTERN ANALYSIS OF MULTICELLULAR ORGANISMS

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

APPOINTMENT OF ATTORNEY

The undersigned individuals authorized to sign on behalf of the assignee in the above-referenced case hereby appoint:

Sam Pasternack, Registration No. 29,576; Brenda Herschbach Jarrell, Registration No. 39,223; Kevin M. Tormey, Registration No. 41,351; Karoline K. M. Shair, Registration No. 44,332; Elizabeth Nugent, Registration No. 43,839; Valarie B. Rosen, Registration No. 45,698; Anne Marie Dinius, Registration No. 45,592; C. Hunter Baker, Registration No. 46,533; Monica R. Gerber, Registration No. 46,724; Elijah Cocks, Registration No. 47,499; John Hamilton, Registration No. 48,946, and Howard H. Bayless, P-51,245 as its attorneys and agents for prosecution of matters relating to the above-identified patent application and to conduct all business in the United States Patent and Trademark Office.

All correspondence should be sent to Brenda Herschbach Jarrell, Ph.D., Choate, Hall & Stewart, Exchange Place, 53 State Street, Boston, Massachusetts 02109.

Respectfully submitted,

Name: David L. Strack

Title President

On behalf of Union Biometrica, Inc.

Dated: 15 - April - 02



ATTORNEY DOCKET NUMBER: 2004229-0031

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Hansen, *et al.* Examiner: NYA
Serial No.: 10/076,363 Art Unit: 1645
Filed: February 15, 2002
For: System for Axial Pattern Analysis of Multicellular Organisms

Assistant Commissioner For Patents
Washington, DC 20231

Sir:

ESTABLISHING RIGHT OF ASSIGNEE TO TAKE ACTION
(37 CFR 3.73(b))

The assignees of the entire right, title and interest of inventors in the above-referenced patent application:

Union Biometrica, Inc.

hereby seeks to take action in the Patent and Trademark Office in the above matter.

Ownership by the assignees is established as follows:

_____ documents already recorded in the PTO on _____.

Reel _____ Frame _____; and

X documents separately submitted for recordal to the PTO (a copy of these documents is attached).

STATEMENT

We, persons authorized to sign on behalf of the assignees, have reviewed the evidentiary documents referred to above and certify that, to the best of our knowledge and belief, title is mine/ours as assignees who seek to take further action.

Union Biometrica, Inc.

By: [Signature]
Title: President
Date: 15 - April - 2002

Respectfully submitted,

Date: May 13, 2002

[Signature] Howard H. Bayless
for Brenda Herschbach Jarrell, Ph.D. Reg No 51,242
Registration No. 39,223

Choate, Hall & Stewart
Exchange Place
53 State Street
Boston, MA 02109
Telephone: (617) 248-5175
Facsimile: (617) 248-4000



ATTORNEY'S DOCKET NO.: 2004229-0031

DECLARATION

**COPY OF PAPERS
ORIGINALLY FILED**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

SYSTEM FOR AXIAL PATTERN ANALYSIS OF MULTICELLULAR ORGANISMS

the specification of which (I authorize Choate, Hall & Stewart to check one of the following three choices, and fill in the blanks, if applicable):

_____ is attached hereto;

X was filed on February 15, 2002 as Application Serial No. 10/076,635 and amended on _____ (if applicable); or

_____ was filed as PCT international application No. _____, on _____ and was amended under PCT Article 19 on _____ (if applicable).

I hereby state that I have reviewed and understood the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledged the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):

_____ (Number)	_____ (Country)	_____ (Day/Month/Year/Filed)	_____ Yes	_____ No
-------------------	--------------------	---------------------------------	--------------	-------------

_____ (Number)	_____ (Country)	_____ (Day/Month/Year/Filed)	_____ Yes	_____ No
-------------------	--------------------	---------------------------------	--------------	-------------

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or PCT international application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed

in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

<u>09/465,215</u> (Application Serial No.)	<u>December 15, 1999</u> (filing date)	<u>Pending</u> (status-patented, pending, abandoned)
<u>09/932,413</u> (Application Serial No.)	<u>August 17, 2001</u> (filing date)	<u>Pending</u> (status-patented, pending, abandoned)

PCT Applications designating the United States:

<u> </u> (PCT Appl. No.)	<u> </u> (U.S.S.N.)	<u> </u> (status-patented, pending, abandoned)
--	---	--

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national filing date of this application.

Provisional Application(s):

<u>60/112,280</u> (Application Serial No.)	<u>December 15, 1998</u> (filing date)
<u>60/226,701</u> (Application Serial No.)	<u>August 18, 2000</u> (filing date)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of third inventor W. Peter Hansen

Inventor's signature *W. Peter Hansen* Date: 04/18/02

Residence 121 Top of Deane Hill Road, Canaan, NY 12029 US

Citizenship US

Post Office Address P. O. Box 315, Canaan, NY 12029

Full name of first inventor Anthony A. Ferrante

Inventor's signature _____ Date: _____

Residence 15 Westlund Rd., Belmont, MA 02478 US

Citizenship US

Post Office Address Same

Full name of second inventor Russel J. Gershman

Inventor's signature _____ Date: _____

Residence 19 Ward Street, Somerville, MA 02143 US

Citizenship US

Post Office Address Same

Full name of fourth inventor Petra B. Krauledat

Inventor's signature *Petra B. Krauledat* Date: 04/18/02

Residence 121 Top of Deane Hill Road, Canaan, NY 12029 US

Citizenship Germany

Post Office Address _____

Full name of fifth inventor Donald F. Perrault, Jr.

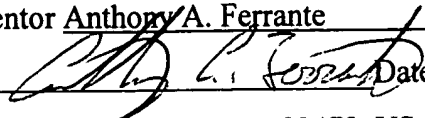
Inventor's signature _____ Date: _____

Residence 25 Bennett Street, Brighton, MA 02135 US

Citizenship US

Post Office Address Same

Full name of third inventor W. Peter Hansen
Inventor's signature _____ Date: _____
Residence 121 Top of Deane Hill Road, Canaan, NY 12029 US
Citizenship US
Post Office Address P. O. Box 315, Canaan, NY 12029

Full name of first inventor Anthony A. Ferrante
Inventor's signature  Date: 4/17/02
Residence 15 Westlund Rd., Belmont, MA 02478 US
Citizenship US
Post Office Address Same

Full name of second inventor Russel J. Gershman
Inventor's signature _____ Date: _____
Residence 19 Ward Street, Somerville, MA 02143 US
Citizenship US
Post Office Address Same

Full name of fourth inventor Petra B. Krauledat
Inventor's signature _____ Date: _____
Residence 121 Top of Deane Hill Road, Canaan, NY 12029 US
Citizenship Germany
Post Office Address _____

Full name of fifth inventor Donald F. Perrault, Jr.
Inventor's signature _____ Date: _____
Residence 25 Bennett Street, Brighton, MA 02135 US
Citizenship US
Post Office Address Same

Full name of third inventor W. Peter Hansen
Inventor's signature _____ Date: _____
Residence 121 Top of Deane Hill Road, Canaan, NY 12029 US
Citizenship US
Post Office Address P. O. Box 315, Canaan, NY 12029

Full name of first inventor Anthony A. Ferrante
Inventor's signature _____ Date: _____
Residence 15 Westlund Rd., Belmont, MA 02478 US
Citizenship US
Post Office Address Same

Full name of second inventor ~~Russel~~ ^{RUSSELL} J. Gershman
Inventor's signature ~~Russel J. Gershman~~ ^{RUSSELL J. GERSHMAN} Date: 4/27/2002
Residence ~~19 Ward Street, Somerville, MA 02143~~ ^{68E BEACON VILLAGE, BURLINGTON, MA 01801} US
Citizenship US
Post Office Address ~~Same~~ ^{PO BOX 152 LEXINGTON, MA 02420}

Full name of fourth inventor Petra B. Krauledat
Inventor's signature _____ Date: _____
Residence 121 Top of Deane Hill Road, Canaan, NY 12029 US
Citizenship Germany
Post Office Address _____

Full name of fifth inventor Donald F. Perrault, Jr.
Inventor's signature _____ Date: _____
Residence 25 Bennett Street, Brighton, MA 02135 US
Citizenship US
Post Office Address Same

Full name of third inventor W. Peter Hansen

Inventor's signature _____ Date: _____

Residence 121 Top of Deane Hill Road, Canaan, NY 12029 US

Citizenship US

Post Office Address P. O. Box 315, Canaan, NY 12029

Full name of first inventor Anthony A. Ferrante

Inventor's signature _____ Date: _____

Residence 15 Westlund Rd., Belmont, MA 02478 US

Citizenship US

Post Office Address Same

Full name of second inventor Russel J. Gershman

Inventor's signature _____ Date: _____

Residence 19 Ward Street, Somerville, MA 02143 US

Citizenship US

Post Office Address Same

Full name of fourth inventor Petra B. Krauledat


Inventor's signature _____ Date: _____

Residence 121 Top of Deane Hill Road, Canaan, NY 12029 US

Citizenship Germany

Post Office Address _____

Full name of fifth inventor Donald F. Perrault, Jr.

Inventor's signature  Date: 5/7/02

Residence 25 Bennett Street, Brighton, MA 02135 US

Citizenship US

Post Office Address Same